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Nucleotide

Protein

Genome

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PMC

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□ 1: U22898. Human adenovirus ...[gi:1142658]

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LOCUS       HAU22898                     700 bp    DNA             linear       VRL 05-JUN-1996
DEFINITION  Human adenovirus type 5, mutant dl309 early region 3,
             deletion/insertion sequence.
ACCESSION   U22898
VERSION     U22898.1   GI:1142658
KEYWORDS    .
SOURCE      Human adenovirus type 5
  ORGANISM  Human adenovirus type 5
             Viruses; dsDNA viruses, no RNA stage; Adenoviridae; Mastadenovirus.
REFERENCE   1  (bases 1 to 700)
  AUTHORS   Jones,N. and Shenk,T.
  TITLE     Isolation of deletion and substitution mutants of adenovirus type 5
  JOURNAL   Cell 13 (1), 181-188 (1978)
  MEDLINE   78082274
  PUBMED    620421
REFERENCE   2  (bases 1 to 700)
  AUTHORS   Jones,N. and Shenk,T.
  TITLE     Isolation of adenovirus type 5 host range deletion mutants
             defective for transformation of rat embryo cells
  JOURNAL   Cell 17 (3), 683-689 (1979)
  MEDLINE   80001960
  PUBMED    476833
REFERENCE   3  (bases 1 to 700)
  AUTHORS   Bett,A.J., Krougliak,V. and Graham,F.L.
  TITLE     DNA sequence of the deletion/insertion in early region 3 of Ad5
             dl309
  JOURNAL   Virus Res. 39 (1), 75-82 (1995)
  MEDLINE   96191629
  PUBMED    8607286
REFERENCE   4  (bases 1 to 700)
  AUTHORS   Graham,F.L.
  TITLE     Direct Submission
  JOURNAL   Submitted (15-MAR-1995) Frank L. Graham, McMaster University,
             Biology, 1280 Main St. West, Hamilton, Ontario L8S 4K1, Canada
FEATURES             Location/Qualifiers
     source            1..700
                       /organism="Human adenovirus type 5"
                       /mol_type="genomic DNA"
                       /specific_host="Homo sapiens"
                       /db_xref="taxon:28285"
                       /map="early region 3"
                       /note="mutant dl309"
     repeat_region     272..401
                       /rpt_type=tandem
                       /rpt_unit=282..317
     misc_recomb        395..534
                       /note="probable origin - carrier DNA used when this mutant

```

EXHIBIT D

was isolated; Chinook salmon 3' region of prolactin gene"
/organism="Oncorhynchus tshawytscha"

BASE COUNT	167 a	155 c	175 g	203 t		
ORIGIN						
1	ttgactgggt	ctgtgtgctg	tttgcataatc	tcagctgctg	ccatgtttgtg	ttgctaccat
61	gttggttttca	tgtgttgctg	ccatgctctt	gtcgcccttag	atctctcttt	atgtagtggt
121	gtgggtgtctc	tcttgctgctg	atgtgtgtttt	tgctctatat	attttaattt	ttaatccaaa
181	ccccgtccc	cgcagaggcc	tttgcgttct	ggtaggccgt	cattgaaaac	tgacttaact
241	cgttaaatta	aaaaaatgta	aaaaataatg	gttgagactc	agcccaacat	cggcagatga
301	ggtggattga	gactcagccc	aacatcggca	gatgaggtgg	attgagactc	aaccccaaca
361	ttggcagatg	aggtgaatta	gatgaggtgg	attgagactc	atgaggggtg	tatgagggcc
421	cgacgtccac	aggtgggagt	tgtgctttac	agtccaacgt	gcaggacgct	tggcatttgc
481	cagagaacac	caagattggc	aaattcgcaa	ctggcgccct	gtgctcttca	cagacggaaa
541	aatgaccaa	atctgattat	ttttgtaaaa	cggaaaccga	atgtccgaca	aagttcattt
601	gatgacttcc	cggtaggtct	gcctgcccgc	tgggccgacg	ccgtccggga	attttacaaa
661	cgatttcgga	cgtctagcat	tcactcacct	tgtcaaggac		

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